



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): R. Brough Turner, Kevin J. Bruemmer, Michael R. Matatia,  
Andrei E. Toma, Aram Falsafi, Svetlana O. Sokolova,  
Murtaza Amiji, Charles C. Linton, James M. Van Donsel,  
Benoit Delorme, Paul Trudel, David Ouellet, Jean-Hugues  
Deschenes and Daniel F. Daly  
Serial No.: 10/633,260  
For: METHODS AND APPARATUS FOR NETWORK SIGNAL  
AGGREGATION AND BANDWIDTH REDUCTION  
Filing Date: August 1, 2003  
Art Unit: 2681

---

Certificate of Mailing Under 37 C.F.R. §1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450 on:

Date: February 4, 2004

By: Tammy L. Rosado

(Typed or printed name of person mailing Document, whose signature appears below)

Signature: *Tammy L. Rosado*

---

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

Sir:

This Information Disclosure Statement is submitted:

☐ under 37 CFR 1.129(a), or (If IDS filed as first/second submission after Final Rejection);

☐ under 37 CFR 1.97(b), or (If IDS Filed within three months of filing national application; or date of entry of the national stage in international

- 2 -

application; or before mailing date of first office action on the merits;  
whichever occurs last);

☐ under 37 CFR 1.97(c) together with either:

☐ a Statement under 37 CFR 1.97(e), as checked below, or

☐ a \$180.00 fee under 37 CFR 1.17(p), or (If filed after the 37 CFR 1.97(b) time period, but before final action or notice of allowance, whichever occurs first)

☐ under 37 CFR 1.97(d) together with:

☒ a Statement under 37 CFR 1.97(e), as checked below

☐ a Petition under 37 CFR 1.97(d)(2), and

☐ a \$130.00 petition fee set forth in 37 CFR 1.17(i). (If IDS filed after final action or notice of allowance, whichever occurs first, but before payment of the issue fee)

☐ Applicant requests that the attached IDS and cited reference(s) be placed in the application filewrapper. (If IDS filed after payment of issue fee)

Statement Under 37 CFR 1.97(e)

☒ Each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement; or

☐ No item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned, after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of this Information Disclosure Statement.

Enclosed herewith is Form PTO-1449:

☒ Copy of the cited references are enclosed.

- 3 -

☐ Copy of cited references are enclosed except those entered in a prior application, having U.S. Serial No. \_\_\_\_\_, and references that are not required to be submitted under 37 CFR 1.98.

☒ The listed references were cited in the enclosed International Search Report in a counterpart foreign application.

☐ Pursuant to the Official Gazette Notice of August 5, 2003 the requirement under 37 CFR 1.98(a)(2)(i) for submitting a copy of each cited U.S. patent and each U.S. patent application publication is waived for all U.S. national patent applications filed after June 30, 2003.

Concise Explanation Requirement (required for non-English references):

- ☐ The "concise explanation" requirement for reference(s) under 37 CFR 1.98(a)(3) is satisfied by:
- ☐ the explanation provided on the attached sheet.
- ☐ the explanation provided in the Specification.
- ☐ submission of the enclosed International Search Report.
- ☐ the enclosed English language abstract.

It is requested that the information disclosed herein be made of record in this application.

Method of payment:

☒ No fee is required for this Information Disclosure Statement.

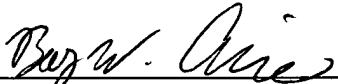
☐ Enclosed is a check for \$180.00, which covers the Information Disclosure Fee.

☐ A copy of this Statement is enclosed.

- 4 -

If there is a fee occasioned by this response, please charge any deficiency to  
Deposit Account No. 50-0901.

Respectfully submitted,

By:   
Barry W. Chapin, Esq.  
U.S.P.T.O. Registration No.: 39,934  
Attorney for Applicant  
CHAPIN & HUANG, L.L.C.  
Westborough Office Park  
1700 West Park Drive  
Westborough, Massachusetts 01581  
Telephone: (508) 366-9600  
Facsimile: (508) 616-9805

Attorney Docket No.: NMS03-10

Dated: February 4, 2004



ATTORNEY DOCKET NO.: NMS03-10

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): R. Brough Turner, Kevin J. Bruemmer, Michael R. Matatia,  
Andrei E. Toma, Aram Falsafi, Svetlana O. Sokolova,  
Murtaza Amiji, Charles C. Linton, James M. Van Donsel, Benoit  
Delorme, Paul Trudel, David Ouellet, Jean-Hugues Deschenes and  
Daniel F. Daly  
Serial No.: 10/633,260  
For: METHODS AND APPARATUS FOR NETWORK SIGNAL  
AGGREGATION AND BANDWIDTH REDUCTION  
Filing Date: August 1, 2003  
Art Unit: 2681

---

Certificate of Mailing Under 37 C.F.R. §1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, PO Box 1450, Alexandria, Virginia 22313-1450 on:

Date: February 4, 2004

By: Tammy L. Rosado  
(Typed or printed name of person mailing  
Document, whose signature appears below)

Signature: *Tammy L. Rosado*

---

Commissioner for Patents  
PO Box 1450  
Alexandria, Virginia 22313-1450

TRANSMITTAL LETTER

Sir:

Enclosed is/are:

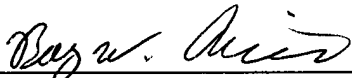
- 2 -

- [x] Transmittal Letter (this form, 2 pages, in duplicate), Total Pages: 4;
- [x] Information Disclosure Statement, Total Pages: 4;
- [x] PTO-1449 Form, Total Pages: 1;
- [x] Copy of the International Search Report, Total Pages: 3
- [x] A copy of cited references enclosed, Total References: 10;
- [x] Return Receipt Pre-paid Postcard (in duplicate), Total Postcards: 2;

If there is a fee occasioned by this response, including an extension fee, please charge any deficiency to Deposit Account No. 50-0901.


If the enclosed papers or fees are considered incomplete, the Mail Room and/or the Application Branch is respectfully requested to contact the undersigned collect at (508) 366-9600, in Westborough, Massachusetts.

Respectfully submitted,

By:   
Barry W. Chapin, Esq.  
U.S.P.T.O. Registration No.: 39,934  
Attorney for Applicant  
CHAPIN & HUANG, L.L.C.  
Westborough Office Park  
1700 West Park Drive  
Westborough, Massachusetts 01581  
Telephone: (508) 366-9600  
Facsimile: (508) 616-9805

Attorney Docket No.: NMS03-10

Dated: February 4, 2004

PTO-1449 REPRODUCED  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use several sheets if necessary)				ATTORNEY DOCKET NO.  NMS03-10		APPLICATION SERIAL NO.  10/633,260	
				APPLICANT  R. Brough Turner, et al.			
				FILING DATE August 1, 2003		GROUP 2681	
U. S. PATENT DOCUMENTS							
EXAM- INER INI- TIAL	DOCUMENT NUMBER	DATE mm/dd/yy	FIRST NAMED INVENTOR	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE	
AA	6,577,595	6/10/03	Raymond C. Counterman	370	230	11/12/99	
AB	6,643,260	11/4/03	Raymond J. Kloth	370	235	12/18/98	
AC	6,459,687	10/1/02	Yair Bourlas	370	328	3/5/01	
AD	6,628,609	9/30/03	Alan Stanley John Chapman	370	229	4/30/98	
AE	5,349,636	9/20/94	Roberto Irribarren	379	89	8/2/93	
AF	5,815,663	9/29/98	Robert Uomini	395	200.49	3/15/96	
FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION YES NO	
AG	WO 98/21872	5/22/98	PCT	6	HO4M, 11/00 11/08, 3/42 G10L, 3/02, 9/00		
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
AH	E. Livinson / "Exchanging SGML documents using internet mail and MIME," Computer Standards & Interfaces 18 (1996) 93-102						
AI	MailMan, Endymion Corporation, <a href="http://web.archive.org/web/1998....endymino.com/products">http://web.archive.org/web/1998....endymino.com/products</a> , XP-002247286, 1996, 2 pages						
AJ	XP 000659566, Integrated Web and Telephone Service Creation, David L. Atkins, <i>et al.</i> , Bell Labs Technical Journal, Winter 1997						
EXAMINER				DATE CONSIDERED			